

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005426.D
 Acq On : 23 Jul 2021 19:22
 Operator : SY/MD
 Sample : M3137-06
 Misc : 11.75G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210727-23

Quant Time: Jul 24 03:02:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

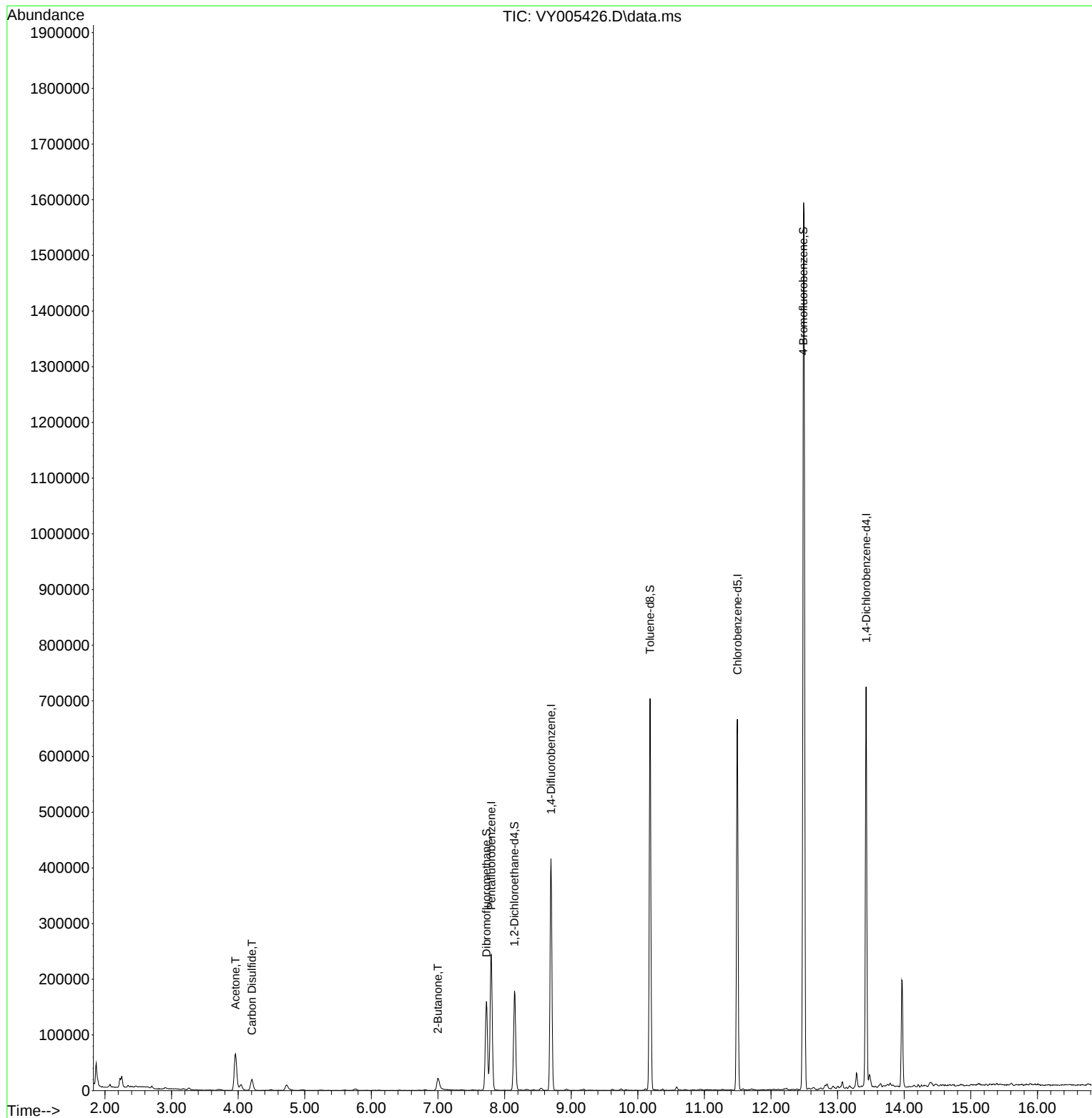
Internal Standards						
1) Pentafluorobenzene	7.801	168	198097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	344191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	353300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	181753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	145789	68.887	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.780%	
35) Dibromofluoromethane	7.728	113	107495	54.089	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.180%	
50) Toluene-d8	10.185	98	442500	52.533	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.060%	
62) 4-Bromofluorobenzene	12.483	95	164134	59.040	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.080%	
Target Compounds						Qvalue
16) Acetone	3.960	43	113567	234.977	ug/l	92
17) Carbon Disulfide	4.204	76	38457	6.141	ug/l	99
25) 2-Butanone	6.996	43	29702	41.038	ug/l	96

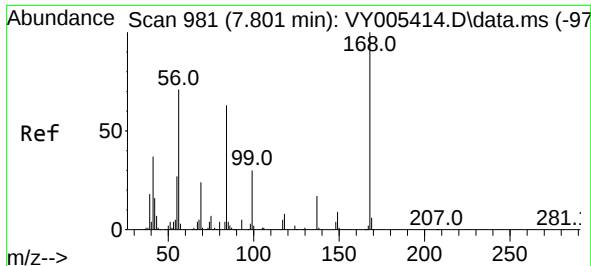
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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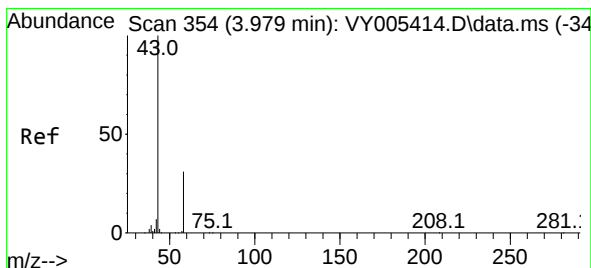
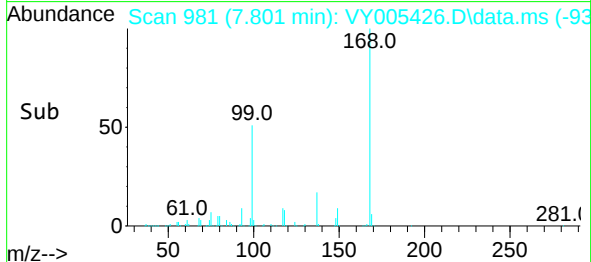
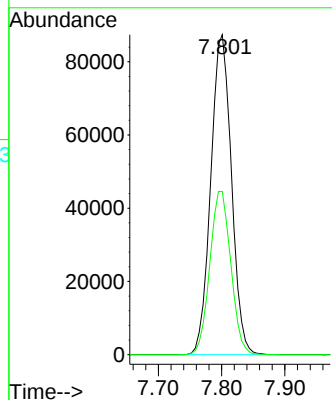
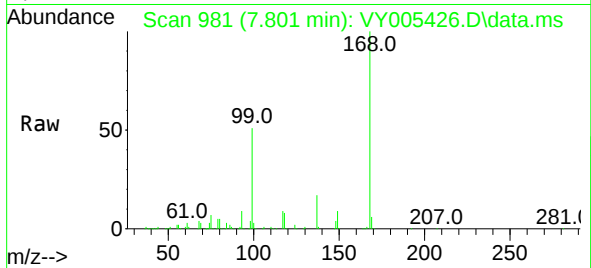




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

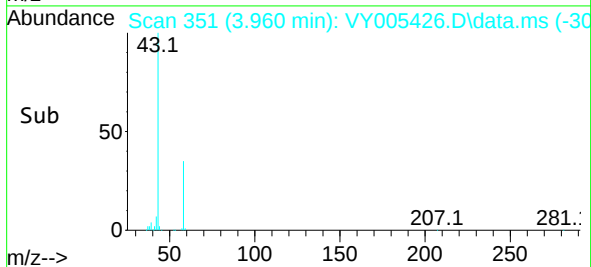
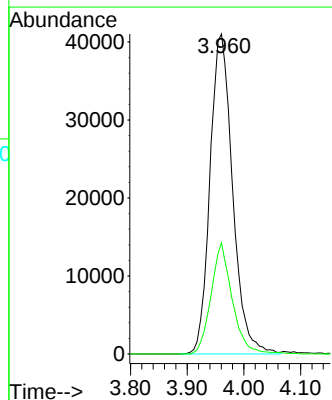
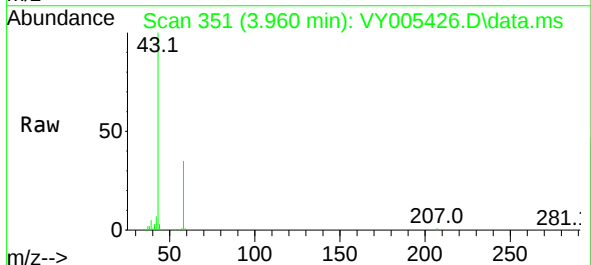
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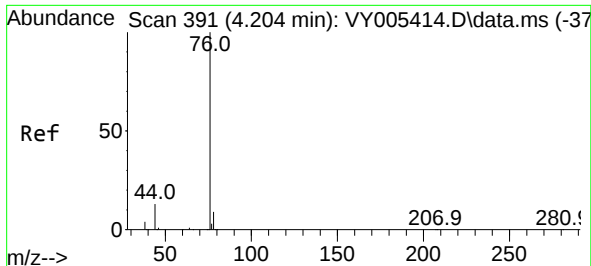
Tgt Ion:168 Resp: 198097
Ion Ratio Lower Upper
168 100
99 51.0 39.8 59.6



#16
Acetone
Concen: 234.977 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

Tgt Ion: 43 Resp: 113567
Ion Ratio Lower Upper
43 100
58 34.8 24.5 36.7

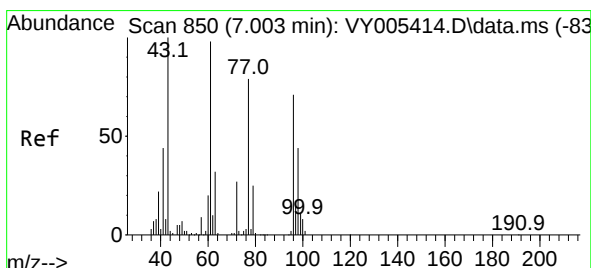
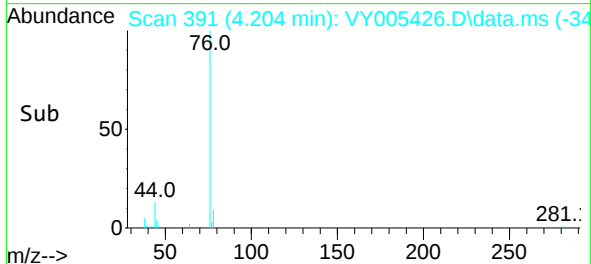
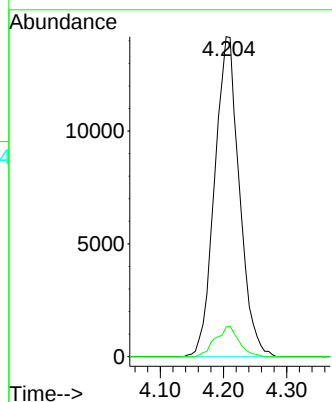
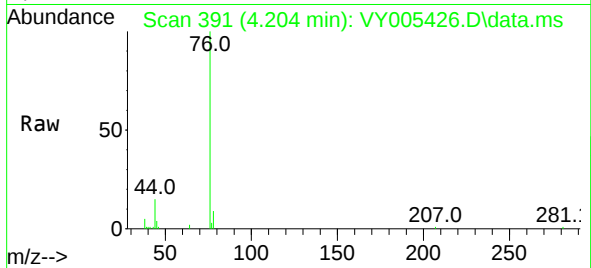




#17
Carbon Disulfide
Concen: 6.141 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

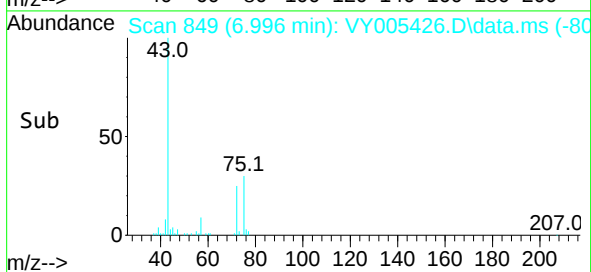
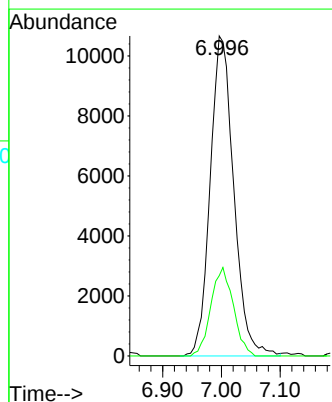
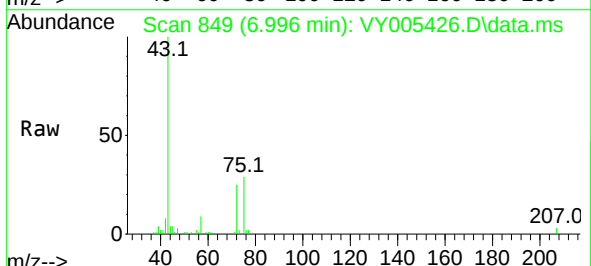
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MSVOA_Y
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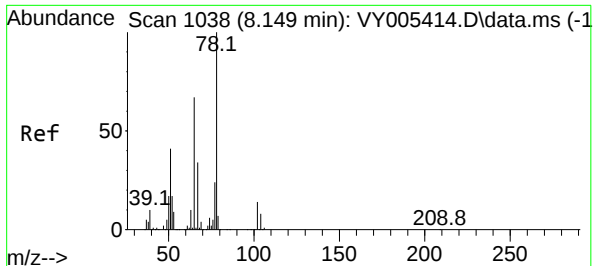
Tgt Ion: 76 Resp: 38457
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#25
2-Butanone
Concen: 41.038 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

Tgt Ion: 43 Resp: 29702
Ion Ratio Lower Upper
43 100
72 25.1 21.9 32.9

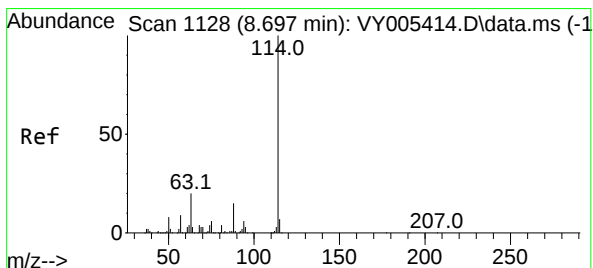
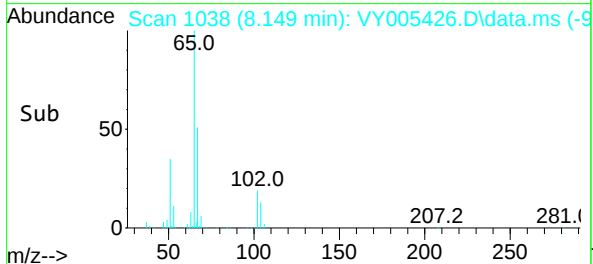
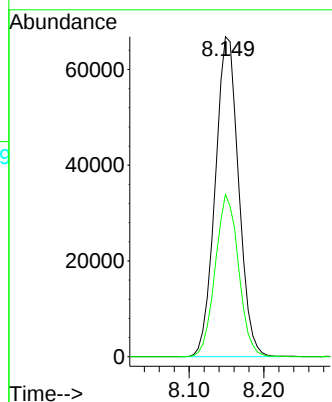
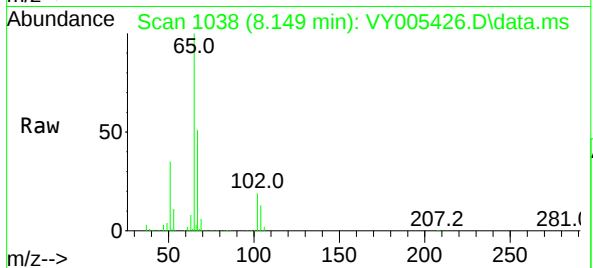




#33
1,2-Dichloroethane-d4
Concen: 68.887 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

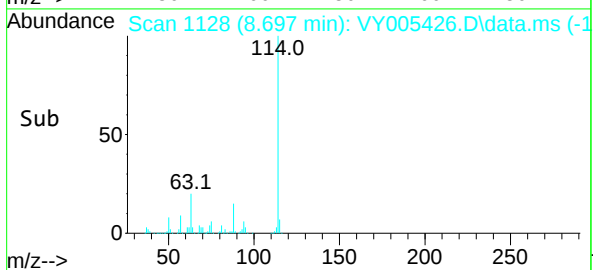
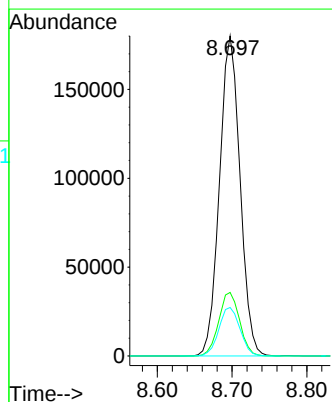
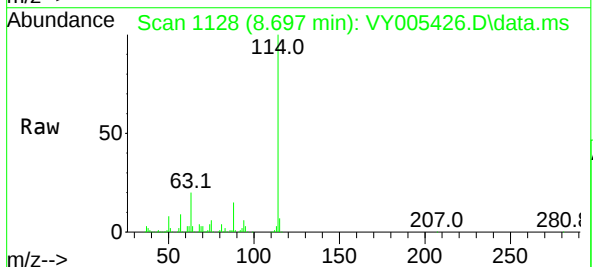
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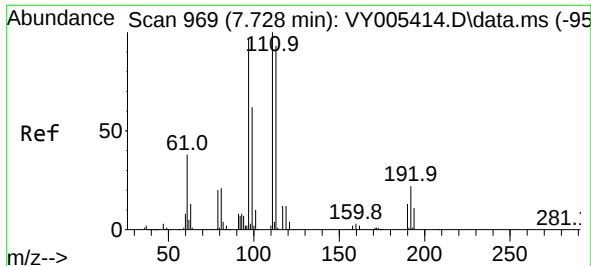
Tgt Ion: 65 Resp: 145789
Ion Ratio Lower Upper
65 100
67 50.4 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

Tgt Ion: 114 Resp: 344191
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.0
88 15.2 0.0 30.8

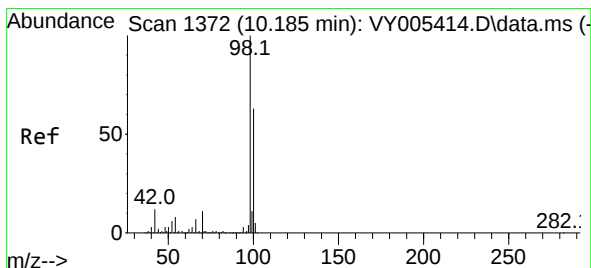
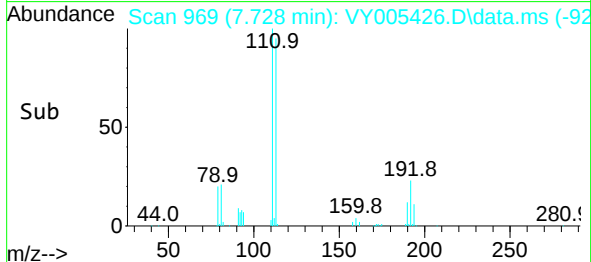
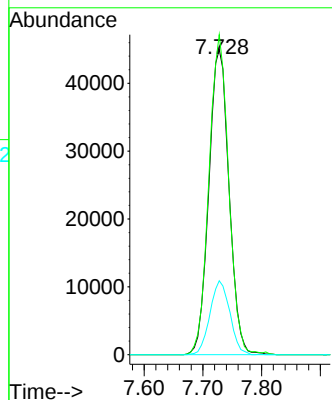
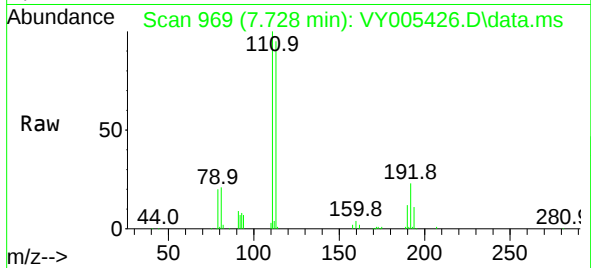




#35
Dibromofluoromethane
Concen: 54.089 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

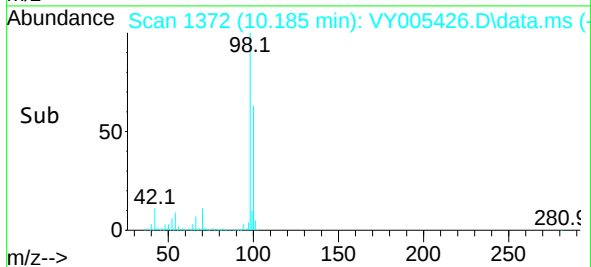
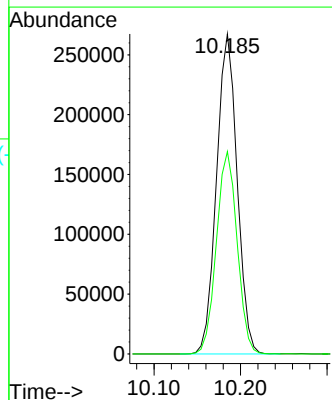
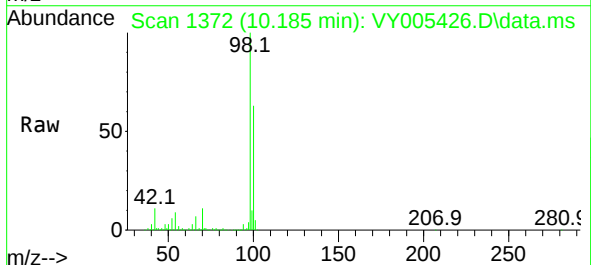
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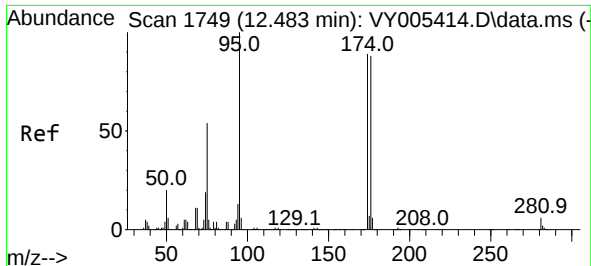
Tgt Ion:113 Resp: 107495
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 23.8 18.9 28.3



#50
Toluene-d8
Concen: 52.533 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

Tgt Ion: 98 Resp: 442500
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

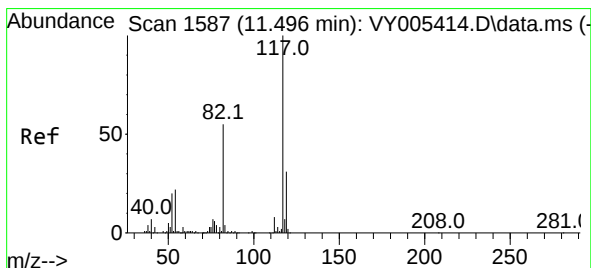
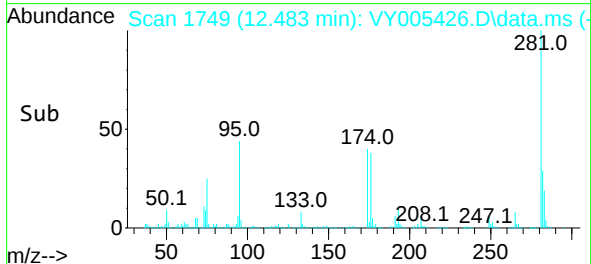
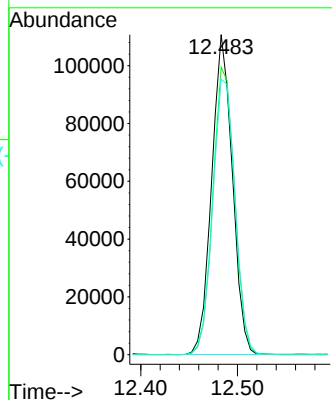
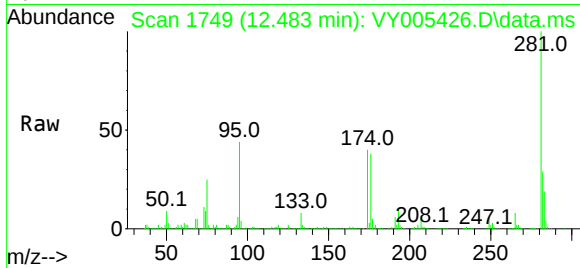




#62
4-Bromofluorobenzene
Concen: 59.040 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

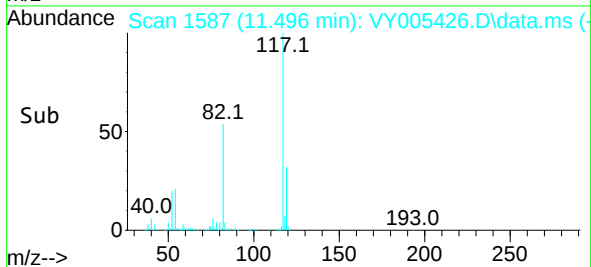
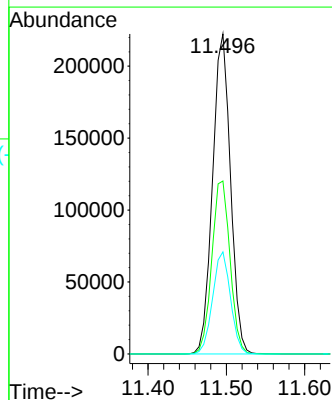
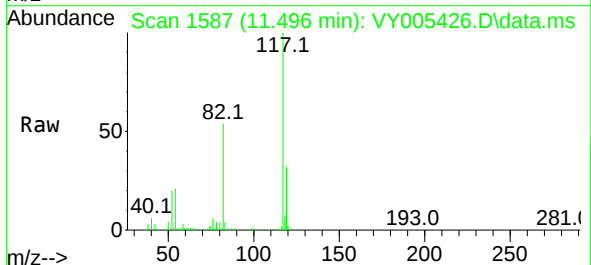
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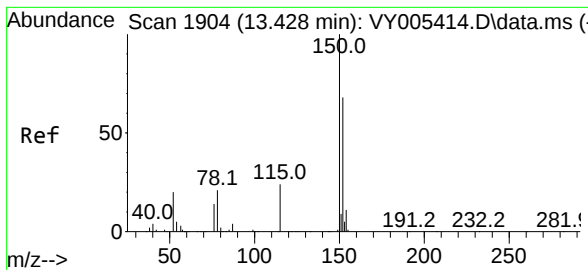
Tgt Ion: 95 Resp: 164134
Ion Ratio Lower Upper
95 100
174 94.9 0.0 186.6
176 93.1 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

Tgt Ion: 117 Resp: 353300
Ion Ratio Lower Upper
117 100
82 54.0 43.8 65.6
119 31.9 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005426.D
 Acq: 23 Jul 2021 19:22

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:152 Resp: 181753
 Ion Ratio Lower Upper
 152 100
 115 53.7 27.7 83.1
 150 154.2 0.0 349.6

